What is claimed is:

1. A method for the manufacture of surface-sized printing paper, the base paper of said printing paper containing mechanical pulp and/or recycled fibre, and said method comprises the surface sizing and calendering of the base paper, wherein the base paper is calendered before surface sizing in a calender comprising at least one nip that is formed between a roll with a hard surface and a soft counter surface.

2. The method according to claim 1, wherein the base paper is calendered before surface sizing in a supercalender or multinip calender.

3. The method according to claim 1 or 2, wherein the base paper is calendered before surface sizing in such a manner that the PPS-10 surface roughness of the same after calendering and before surface sizing is advantageously 1.0 to 1.3 μm .

4. The method according to any of the preceding claims, wherein after calendering the base paper is surface sized with a surface sizing agent, the amount of the surface sizing agent being 3 g/m^2 per side.

5. The method according to claim 4 wherein the amount of surface sizing agent is under 2 g/m^2 per side.

6. The method according to claim 3 wherein the amount of surface sizing agent is 0.5 to 1.5 g/m^2 per side.

7. The method according to claim 3, wherein in that the base paper is surface sized on both sides.

8. The method according to claim 3, wherein after surface sizing the base paper is calendered in a calender having one or two nips.

9. The method according to claim 8 wherein in that after surface sizing the base paper is calendered in a calender that comprises a nip that is formed between a hard-faced roll and a soft-faced roll.

10. A surface-sized printing paper in which the base paper contains mechanical pulp and/or recycled fibre and filler 10 to 40 % by weight of the total fibre content, the surface roughness of said printing paper being 2.0 μm at the highest, wherein the amount of surface sizing agent is under 2.0 g/m^2 per side when calculated in dry matter.

11. The printing paper according to claim 10, wherein the amount of surface sizing agent is 0.5 to 1.5 g/m^2 per side.

12. The printing paper according to claim 10 or 11, wherein the printing paper is surface sized on both sides.